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PATENT  
Attorney Docket No.: 023070-087130US  
Client Ref. No.: 2000-468-2

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On December 28, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Karen Karlin

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

VREELAND, Valerie

Application No.: 10/691,383

Filed: October 21, 2003

For: RECOMBINANT MINIMAL  
CATALYTIC VANADIUM  
HALOPEROXIDASES AND THEIR  
USES

Customer No.: 20350

Confirmation No. 8387

Examiner: WALICKA, Malgorzata A.

Technology Center/Art Unit: 1652

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed October 8, 2004, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 5 of this paper.